

RNC, Replace Admin HVAC

DEPARTMENT OF VETERANS AFFAIRS, NATIONAL CEMETERY ADMINISTRATION
Oakland, California

SCHEDULE OF SERVICES:

Contract Line Item	Description	Quantity	Unit	Unit Price	Total Price
001	Remove 3ea existing 5ton and 1ea 10ton HVAC units and replace with new at the Riverside National Cemetery, located in Riverside, CA	1	Job	\$ _____	\$ _____

SCOPE OF WORK

Project Title: Riverside National Cemetery HVAC Replacement, Administration Building.

GENERAL SCOPE OF WORK:

The Contractor shall furnish all labor, materials, and equipment to remove 4ea existing roof mounted HVAC units located at the Administration Building 1001 and replace with new units at Riverside National Cemetery (RNC), located in Riverside, CA. Work includes, but not limited to disconnecting all electrical wiring and ducting, removing existing units and installing new units, re-connect all electrical wiring and ducting using new disconnect and new duct transitions, testing all components to ensure proper operation of new units, thermostats and damper controls. Other items as specified herein.

Unless otherwise noted, all materials shall be new and compatible with the existing heating, cooling and damper controls throughout the building. If existing controls cannot be used with new units, then new controls shall be installed as part of the project. Prior to work, Contractor shall submit for approval the manufacturer's specifications on all material being installed.

All work shall be done in compliance with manufacturer guidelines, State, County and City codes.

Units must be Energy Star and rated the following:

- **5 ton units, minimum 14 SEER**
- **10 ton unit, minimum 12 EER**

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Site work will be accomplished between the hours of 8:00 and 4:30, Monday through Friday, except Federal Holidays. Any deviations shall be submitted in writing to COR for approval.

All work will be coordinated with the Contracting Officer's Representative (COR) and with the Cemetery Director. Only the Contracting Officer (CO) has the authority to make changes to the contract that affects price and/or time.

Data on existing units are below:

RIVERSIDE EXISTING HVAC INFORMATION

BUILDING NAME	BLDG. NUMBER	YEAR BUILT	MFG	MODEL #	S/N	Size
ADMINISTRATION BUILDING	1001	1999	CAR/BDP	549BPX060000AAAA	0299G20264	5 TN
ADMINISTRATION BUILDING	1001	1999	CAR	50ZH-060-501	0301G44324	5 TN
ADMINISTRATION BUILDING	1001	1999	CAR/BDP	549BPX060000AAAA	0299G20265	5 TN
ADMINISTRATION BUILDING	1001	1999	CAR/BDP	549BPX120000AAAA	1599G30581	10 TN

Contracting Officer's Representative (COR):

Michael Cummings
Facility Maintenance Supervisor
Riverside National Cemetery
22495 Van Buren Boulevard
Riverside, CA 92518
TEL: (951) 653-8417 x 811
FAX: (951) 653-5233
Michael.Cummings1@va.gov

Cemetery Director:

Dean Moline
TEL: (951) 214-4350

The work in this project includes but not limited to:

1. Remove (1ea) 10 ton and (3ea) 5 ton roof mounted package heat pumps on building 1001 and replace with new.
2. Provide sheet metal transitions to connect to existing duct work and properly seal.
3. Remove existing disconnect and replace with new rain tight disconnect to current roof location.
4. Seal all roof connections for air and water leaks.
5. Install economizers and wire controls in.
6. Connect to existing controls, line voltage electrical and condensate connections.
7. Equipment removal and crane for setting equipment.

8. Startup, test and adjust for proper operation.

NOTE:

- All wiring must be sized and rated per NEC.
- Conduit must be minimum EMT.
- Old units and debris shall be removed from the site by the Contractor, at the Contractor's expense, including all dump fees. Debris shall not be allowed to accumulate at the site; debris shall be placed in debris bins and removed in a timely manner.

GENERAL REQUIREMENT

I. General Notes

- a. Prior to beginning any work, the Contractor shall perform a thorough field survey of the existing site conditions and features. Verify at project site the exact parts, material and equipment required to complete job. Any site conditions which may cause significant deviation from the work plan shall be brought to the attention of the Contracting Officer or his/her Representative, (COR) for clarification.
- b. All utilities required for the continuous operation of all existing facilities must be maintained in service at all times except as required for system work.
- c. Coordinate and resolve all details of any shutdown of specific utilities to minimize interruption of service to the facilities.
- d. COR will provide technical support prior to work and system test after work is completed.
- e. The Contractor shall assume sole responsibility for safety of all persons on or about the project site, in accordance with applicable laws and codes. Guard all hazards in accordance with the safety provisions of the latest manual of accident prevention published by the Associated General Contractors of America and OSHA. Barricade the project area as necessary to prevent public access to the work site.
- f. The Contractor shall guarantee that all work done under this contract will be free from faulty materials or workmanship and hereby agrees to repair or replace without cost to the VA and to his/her satisfaction all defects or imperfection appearing in said work within a period of one year after the date of final acceptance by the VA of all work done under this contract.
- g. Matters related to safety, and any actions of the Contractor, shall meet all safety requirements of Riverside National Cemetery Safety Officer, Department of Veterans Affairs, OSHA, and the State. It is incumbent upon the Contractor to be familiar with these requirements. "Safety" shall also include the Contractor having a safety representative who maintains regular and routine contact with the Safety Officer at RNC. Contractor shall provide training of the contractor's and subcontractor's workers as necessary to meet these requirements.
- h. Repair and replace any existing structure to existing condition when altered or damaged by the construction.
- i. Completion Time: Ninety (90) calendar days from date of issuance of Notice to Proceed (NTP).

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